

Eric P Hoffman

List of Publications by Year in descending order

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421
papers

32,795
citations

5430

85
h-index

5873

166
g-index

478
all docs

478
docs citations

478
times ranked

28909
citing authors

#	ARTICLE	IF	CITATIONS
1	Dystrophin: The protein product of the duchenne muscular dystrophy locus. <i>Cell</i> , 1987, 51, 919-928.	13.5	4,277
2	Characterization of Dystrophin in Muscle-Biopsy Specimens from Patients with Duchenne's or Becker's Muscular Dystrophy. <i>New England Journal of Medicine</i> , 1988, 318, 1363-1368.	13.9	911
3	Multiple-laboratory comparison of microarray platforms. <i>Nature Methods</i> , 2005, 2, 345-350.	9.0	814
4	Glucose Restriction Inhibits Skeletal Myoblast Differentiation by Activating SIRT1 through AMPK-Mediated Regulation of Nampt. <i>Developmental Cell</i> , 2008, 14, 661-673.	3.1	701
5	Duchenne muscular dystrophy: Deficiency of dystrophin at the muscle cell surface. <i>Cell</i> , 1988, 54, 447-452.	13.5	592
6	Sir2 Regulates Skeletal Muscle Differentiation as a Potential Sensor of the Redox State. <i>Molecular Cell</i> , 2003, 12, 51-62.	4.5	542
7	Future Research Directions in Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 1027-1035.	2.5	489
8	Immunoelectron microscopic localization of dystrophin in myofibres. <i>Nature</i> , 1988, 333, 863-866.	13.7	450
9	Expression Profiling in the Muscular Dystrophies. <i>Journal of Cell Biology</i> , 2000, 151, 1321-1336.	2.3	448
10	Î²â€“sarcoglycan (A3b) mutations cause autosomal recessive muscular dystrophy with loss of the sarcoglycan complex. <i>Nature Genetics</i> , 1995, 11, 266-273.	9.4	438
11	The homologue of the Duchenne locus is defective in X-linked muscular dystrophy of dogs. <i>Nature</i> , 1988, 334, 154-156.	13.7	385
12	A Met-to-Val mutation in the skeletal muscle Na ⁺ channel Î±-subunit in hyperkalaemic periodic paralysis. <i>Nature</i> , 1991, 354, 387-389.	13.7	356
13	Efficacy of systemic morpholino exonâ€“skipping in duchenne dystrophy dogs. <i>Annals of Neurology</i> , 2009, 65, 667-676.	2.8	356
14	Mutations in the integrin Î±7 gene cause congenital myopathy. <i>Nature Genetics</i> , 1998, 19, 94-97.	9.4	355
15	Elevated stearyl-CoA desaturase-1 expression in skeletal muscle contributes to abnormal fatty acid partitioning in obese humans. <i>Cell Metabolism</i> , 2005, 2, 251-261.	7.2	326
16	Dystrophin abnormalities in Duchenne/Becker muscular dystrophy. <i>Neuron</i> , 1989, 2, 1019-1029.	3.8	320
17	Subcellular fractionation of dystrophin to the triads of skeletal muscle. <i>Nature</i> , 1987, 330, 754-758.	13.7	318
18	Activation of the endoplasmic reticulum stress response in autoimmune myositis: Potential role in muscle fiber damage and dysfunction. <i>Arthritis and Rheumatism</i> , 2005, 52, 1824-1835.	6.7	308

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19	Long-term effects of glucocorticoids on function, quality of life, and survival in patients with Duchenne muscular dystrophy: a prospective cohort study. <i>Lancet, The</i> , 2018, 391, 451-461.	6.3	306
20	Nuclear envelope dystrophies show a transcriptional fingerprint suggesting disruption of Rb-MyoD pathways in muscle regeneration. <i>Brain</i> , 2006, 129, 996-1013.	3.7	288
21	Somatic reversion/suppression of the mouse mdx phenotype in vivo. <i>Journal of the Neurological Sciences</i> , 1990, 99, 9-25.	0.3	278
22	Genomics, Intellectual Disability, and Autism. <i>New England Journal of Medicine</i> , 2012, 366, 733-743.	13.9	276
23	ACTN3 genotype is associated with increases in muscle strength in response to resistance training in women. <i>Journal of Applied Physiology</i> , 2005, 99, 154-163.	1.2	262
24	Gene profiling in spinal cord injury shows role of cell cycle in neuronal death. <i>Annals of Neurology</i> , 2003, 53, 454-468.	2.8	261
25	Osteopontin promotes fibrosis in dystrophic mouse muscle by modulating immune cell subsets and intramuscular TGF- β 2. <i>Journal of Clinical Investigation</i> , 2009, 119, 1583-1594.	3.9	251
26	Variability in muscle size and strength gain after unilateral resistance training. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 964-72.	0.2	241
27	Contemporary Cardiac Issues in Duchenne Muscular Dystrophy. <i>Circulation</i> , 2015, 131, 1590-1598.	1.6	240
28	Gentamicin treatment of Duchenne and Becker muscular dystrophy due to nonsense mutations. <i>Annals of Neurology</i> , 2001, 49, 706-711.	2.8	238
29	Large-scale serum protein biomarker discovery in Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7153-7158.	3.3	235
30	Periodic paralysis in Quarter Horses: a sodium channel mutation disseminated by selective breeding. <i>Nature Genetics</i> , 1992, 2, 144-147.	9.4	224
31	Mutations in the Sarcoglycan Genes in Patients with Myopathy. <i>New England Journal of Medicine</i> , 1997, 336, 618-625.	13.9	223
32	Microtubules Underlie Dysfunction in Duchenne Muscular Dystrophy. <i>Science Signaling</i> , 2012, 5, ra56.	1.6	222
33	Gene Expression Profiling in DQA1*0501+ Children with Untreated Dermatomyositis: A Novel Model of Pathogenesis. <i>Journal of Immunology</i> , 2002, 168, 4154-4163.	0.4	220
34	Deacetylase Inhibitors Increase Muscle Cell Size by Promoting Myoblast Recruitment and Fusion through Induction of Follistatin. <i>Developmental Cell</i> , 2004, 6, 673-684.	3.1	214
35	Cell and fiber type distribution of dystrophin. <i>Neuron</i> , 1988, 1, 411-420.	3.8	210
36	Immune-mediated pathology in Duchenne muscular dystrophy. <i>Science Translational Medicine</i> , 2015, 7, 299rv4.	5.8	209

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37	An analysis of DNA methylation in human adipose tissue reveals differential modification of obesity genes before and after gastric bypass and weight loss. <i>Genome Biology</i> , 2015, 16, 8.	3.8	200
38	Loss of emerin at the nuclear envelope disrupts the Rb1/E2F and MyoD pathways during muscle regeneration. <i>Human Molecular Genetics</i> , 2006, 15, 637-651.	1.4	197
39	Mutations in GDP-Mannose Pyrophosphorylase B Cause Congenital and Limb-Girdle Muscular Dystrophies Associated with Hypoglycosylation of Î±-Dystroglycan. <i>American Journal of Human Genetics</i> , 2013, 93, 29-41.	2.6	197
40	Embryonic myogenesis pathways in muscle regeneration. <i>Developmental Dynamics</i> , 2004, 229, 380-392.	0.8	177
41	ACTN3 and MLCK genotype associations with exertional muscle damage. <i>Journal of Applied Physiology</i> , 2005, 99, 564-569.	1.2	171
42	Safety, Tolerability, and Efficacy of Viltolarsen in Boys With Duchenne Muscular Dystrophy Amenable to Exon 53 Skipping. <i>JAMA Neurology</i> , 2020, 77, 982.	4.5	169
43	The cooperative international neuromuscular research group Duchenne natural history study: Glucocorticoid treatment preserves clinically meaningful functional milestones and reduces rate of disease progression as measured by manual muscle testing and other commonly used clinical trial outcome measures. <i>Muscle and Nerve</i> , 2013, 48, 55-67.	1.0	164
44	Sources of variability and effect of experimental approach on expression profiling data interpretation. <i>BMC Bioinformatics</i> , 2002, 3, 4.	1.2	162
45	The rumpshaker mutation in spastic paraplegia. <i>Nature Genetics</i> , 1994, 7, 351-352.	9.4	158
46	Medium Chain Acyl-CoA Dehydrogenase Deficiency in Pennsylvania: Neonatal Screening Shows High Incidence and Unexpected Mutation Frequencies. <i>Pediatric Research</i> , 1995, 37, 675-678.	1.1	156
47	A web-accessible complete transcriptome of normal human and DMD muscle. <i>Neuromuscular Disorders</i> , 2002, 12, S125-S141.	0.3	156
48	VBP15, a novel anti-inflammatory and membrane stabilizer, improves muscular dystrophy without side effects. <i>EMBO Molecular Medicine</i> , 2013, 5, 1569-1585.	3.3	148
49	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.	5.8	147
50	The cooperative international neuromuscular research group duchenne natural history studyâ€”a longitudinal investigation in the era of glucocorticoid therapy: Design of protocol and the methods used. <i>Muscle and Nerve</i> , 2013, 48, 32-54.	1.0	145
51	Inflammasome Up-Regulation and Activation in Dysferlin-Deficient Skeletal Muscle. <i>American Journal of Pathology</i> , 2010, 176, 2891-2900.	1.9	144
52	Overexcited or inactive: Ion channels in muscle disease. <i>Cell</i> , 1995, 80, 681-686.	13.5	140
53	Canine models of Duchenne muscular dystrophy and their use in therapeutic strategies. <i>Mammalian Genome</i> , 2012, 23, 85-108.	1.0	140
54	Bodywide skipping of exons 45â€”55 in dystrophic <i>mdx</i> mice by systemic antisense delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13763-13768.	3.3	139

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55	Prednisone/prednisolone and deflazacort regimens in the CINRG Duchenne Natural History Study. <i>Neurology</i> , 2015, 85, 1048-1055.	1.5	138
56	Preclinical drug trials in the <i>mdx</i> mouse: Assessment of reliable and sensitive outcome measures. <i>Muscle and Nerve</i> , 2009, 39, 591-602.	1.0	137
57	An interactive power analysis tool for microarray hypothesis testing and generation. <i>Bioinformatics</i> , 2006, 22, 808-814.	1.8	133
58	Asynchronous remodeling is a driver of failed regeneration in Duchenne muscular dystrophy. <i>Journal of Cell Biology</i> , 2014, 207, 139-158.	2.3	130
59	GRB14, GPD1, and GDF8 as potential network collaborators in weight loss-induced improvements in insulin action in human skeletal muscle. <i>Physiological Genomics</i> , 2006, 27, 114-121.	1.0	129
60	Response of rat muscle to acute resistance exercise defined by transcriptional and translational profiling. <i>Journal of Physiology</i> , 2002, 545, 27-41.	1.3	127
61	Dystrophin-deficient cardiomyopathy in mouse: Expression of Nox4 and Lox are associated with fibrosis and altered functional parameters in the heart. <i>Neuromuscular Disorders</i> , 2008, 18, 371-381.	0.3	127
62	Differential dependency network analysis to identify condition-specific topological changes in biological networks. <i>Bioinformatics</i> , 2009, 25, 526-532.	1.8	127
63	Changes in Ubiquitin Proteasome Pathway Gene Expression in Skeletal Muscle With Exercise and Statins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2560-2566.	1.1	122
64	Metabolite signatures of exercise training in human skeletal muscle relate to mitochondrial remodelling and cardiometabolic fitness. <i>Diabetologia</i> , 2014, 57, 2282-2295.	2.9	121
65	Dystrophin deficiency causes lethal muscle hypertrophy in cats. <i>Journal of the Neurological Sciences</i> , 1992, 110, 149-159.	0.3	120
66	Molecular responses of human muscle to eccentric exercise. <i>Journal of Applied Physiology</i> , 2003, 95, 2485-2494.	1.2	120
67	Congenital muscular dystrophy with primary laminin $\alpha 2$ (merosin) deficiency presenting as inflammatory myopathy. <i>Annals of Neurology</i> , 1996, 40, 782-791.	2.8	119
68	Interactively optimizing signal-to-noise ratios in expression profiling: project-specific algorithm selection and detection p-value weighting in Affymetrix microarrays. <i>Bioinformatics</i> , 2004, 20, 2534-2544.	1.8	119
69	<i>DMD</i> genotypes and loss of ambulation in the CINRG Duchenne Natural History Study. <i>Neurology</i> , 2016, 87, 401-409.	1.5	119
70	Dysferlin Deficiency Enhances Monocyte Phagocytosis. <i>American Journal of Pathology</i> , 2008, 172, 774-785.	1.9	115
71	Constitutive activation of MAPK cascade in acute quadriplegic myopathy. <i>Annals of Neurology</i> , 2004, 55, 195-206.	2.8	114
72	Genetic modifiers of ambulation in the cooperative international Neuromuscular research group Duchenne natural history study. <i>Annals of Neurology</i> , 2015, 77, 684-696.	2.8	111

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73	Discovery of serum protein biomarkers in the mdx mouse model and cross-species comparison to Duchenne muscular dystrophy patients. <i>Human Molecular Genetics</i> , 2014, 23, 6458-6469.	1.4	106
74	Sexual dimorphism in immune response genes as a function of puberty. <i>BMC Immunology</i> , 2006, 7, 2.	0.9	104
75	A role for mast cells in the progression of Duchenne muscular dystrophy?. <i>Journal of the Neurological Sciences</i> , 1994, 122, 44-56.	0.3	100
76	Multi-omic integrated networks connect DNA methylation and miRNA with skeletal muscle plasticity to chronic exercise in Type 2 diabetic obesity. <i>Physiological Genomics</i> , 2014, 46, 747-765.	1.0	100
77	Balancing muscle hypertrophy and atrophy. <i>Nature Medicine</i> , 2004, 10, 584-585.	15.2	99
78	Slug Is a Novel Downstream Target of MyoD. <i>Journal of Biological Chemistry</i> , 2002, 277, 30091-30101.	1.6	97
79	Proteome Analysis of Skeletal Muscle From Obese and Morbidly Obese Women. <i>Diabetes</i> , 2005, 54, 1283-1288.	0.3	96
80	Expression profiling reveals metabolic and structural components of extraocular muscles. <i>Physiological Genomics</i> , 2002, 9, 71-84.	1.0	94
81	Functional characteristics of dystrophic skeletal muscle: insights from animal models. <i>Journal of Applied Physiology</i> , 2002, 93, 407-417.	1.2	94
82	Congenital Titinopathy: Comprehensive characterization and pathogenic insights. <i>Annals of Neurology</i> , 2018, 83, 1105-1124.	2.8	93
83	Patterns of global gene expression in rat skeletal muscle during unloading and low-intensity ambulatory activity. <i>Physiological Genomics</i> , 2003, 13, 157-167.	1.0	91
84	Skeletal muscle gene expression in response to resistance exercise: sex specific regulation. <i>BMC Genomics</i> , 2010, 11, 659.	1.2	91
85	Laminopathies disrupt epigenomic developmental programs and cell fate. <i>Science Translational Medicine</i> , 2016, 8, 335ra58.	5.8	91
86	Fgfr4 Is Required for Effective Muscle Regeneration in Vivo. <i>Journal of Biological Chemistry</i> , 2006, 281, 429-438.	1.6	90
87	Losartan Decreases Cardiac Muscle Fibrosis and Improves Cardiac Function in Dystrophin-Deficient Mdx Mice. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2011, 16, 87-95.	1.0	90
88	ACE ID Genotype and the Muscle Strength and Size Response to Unilateral Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1074-1081.	0.2	89
89	Restoring Dystrophin Expression in Duchenne Muscular Dystrophy Muscle. <i>American Journal of Pathology</i> , 2011, 179, 12-22.	1.9	89
90	Is the carboxyl-terminus of dystrophin required for membrane association? A novel, severe case of duchenne muscular dystrophy. <i>Annals of Neurology</i> , 1991, 30, 605-610.	2.8	88

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91	Identification of Disease Specific Pathways Using in Vivo SILAC Proteomics in Dystrophin Deficient mdx Mouse. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1061-1073.	2.5	88
92	The Paradox of Muscle Hypertrophy in Muscular Dystrophy. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2012, 23, 149-172.	0.7	85
93	Genotype Associations With Increases In Blood Creatine Kinase And Myoglobin Following Intense Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S166-S167.	0.2	84
94	Quadriceps myopathy: Forme fruste of Becker muscular dystrophy. <i>Annals of Neurology</i> , 1990, 28, 634-639.	2.8	82
95	Importance of <i>SPP1</i> genotype as a covariate in clinical trials in Duchenne muscular dystrophy. <i>Neurology</i> , 2012, 79, 159-162.	1.5	81
96	Resistance exercise training influences skeletal muscle immune activation: a microarray analysis. <i>Journal of Applied Physiology</i> , 2012, 112, 443-453.	1.2	79
97	Neuronal plasticity after spinal cord injury: identification of a gene cluster driving neurite outgrowth. <i>FASEB Journal</i> , 2005, 19, 153-154.	0.2	78
98	Metataxonomic and Metagenomic Approaches vs. Culture-Based Techniques for Clinical Pathology. <i>Frontiers in Microbiology</i> , 2016, 7, 484.	1.5	78
99	Discordance of muscular dystrophy in monozygotic female twins: Evidence supporting asymmetric splitting of the inner cell mass in a manifesting carrier of Duchenne dystrophy. <i>American Journal of Medical Genetics Part A</i> , 1991, 40, 354-364.	2.4	76
100	Definition of the unique human extraocular muscle allotype by expression profiling. <i>Physiological Genomics</i> , 2005, 22, 283-291.	1.0	76
101	Deletion of galectin-3 exacerbates microglial activation and accelerates disease progression and demise in a <i>SOD1^{G93A}</i> mouse model of amyotrophic lateral sclerosis. <i>Brain and Behavior</i> , 2012, 2, 563-575.	1.0	76
102	Probe set algorithms: is there a rational best bet?. <i>BMC Bioinformatics</i> , 2006, 7, 395.	1.2	75
103	Integrated DNA, cDNA, and protein studies in Becker muscular dystrophy show high exception to the reading frame rule. <i>Human Mutation</i> , 2008, 29, 728-737.	1.1	75
104	Natural Progression of Childhood Asthma Symptoms and Strong Influence of Sex and Puberty. <i>Annals of the American Thoracic Society</i> , 2014, 11, 939-944.	1.5	75
105	Molecular pathophysiology and targeted therapeutics for muscular dystrophy. <i>Trends in Pharmacological Sciences</i> , 2001, 22, 465-470.	4.0	74
106	A Longitudinal, Integrated, Clinical, Histological and mRNA Profiling Study of Resistance Exercise in Myositis. <i>Molecular Medicine</i> , 2010, 16, 455-464.	1.9	74
107	Forty-eight hours of unloading and 24 h of reloading lead to changes in global gene expression patterns related to ubiquitination and oxidative stress in humans. <i>Journal of Applied Physiology</i> , 2010, 109, 1404-1415.	1.2	74
108	Metabolic remodeling agents show beneficial effects in the dystrophin-deficient mdx mouse model. <i>Skeletal Muscle</i> , 2012, 2, 16.	1.9	74

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109	Expression of two temporally distinct microglia-related gene clusters after spinal cord injury. <i>Glia</i> , 2006, 53, 420-433.	2.5	72
110	Homozygous β -sarcoglycan mutation in two siblings: One asymptomatic and one steroid-responsive mild limb-girdle muscular dystrophy patient. <i>Muscle and Nerve</i> , 1998, 21, 769-775.	1.0	71
111	Association Study of Exon Variants in the NF- κ B and TGF β 2 Pathways Identifies CD40 as a Modifier of Duchenne Muscular Dystrophy. <i>American Journal of Human Genetics</i> , 2016, 99, 1163-1171.	2.6	71
112	Clinical utility of serum biomarkers in Duchenne muscular dystrophy. <i>Clinical Proteomics</i> , 2016, 13, 9.	1.1	70
113	Herpes simplex virus vector-mediated dystrophin gene transfer and expression in MDX mouse skeletal muscle. <i>Journal of Gene Medicine</i> , 1999, 1, 280-289.	1.4	69
114	Endothelial cell activation and neovascularization are prominent in dermatomyositis. <i>Journal of Autoimmune Diseases</i> , 2006, 3, 2.	1.0	69
115	Asthmatic Airway Epithelium Is Intrinsically Inflammatory and Mitotically Dyssynchronous. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 863-869.	1.4	69
116	Extensive and Prolonged Restoration of Dystrophin Expression with Vivo-Morpholino-Mediated Multiple Exon Skipping in Dystrophic Dogs. <i>Nucleic Acid Therapeutics</i> , 2012, 22, 306-315.	2.0	69
117	Single-Molecule Long-Read 16S Sequencing To Characterize the Lung Microbiome from Mechanically Ventilated Patients with Suspected Pneumonia. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3913-3921.	1.8	69
118	Phase IIa trial in Duchenne muscular dystrophy shows vamorolone is a first-in-class dissociative steroidal anti-inflammatory drug. <i>Pharmacological Research</i> , 2018, 136, 140-150.	3.1	69
119	Dystrophin-deficient myofibers are vulnerable to mast cell granule-induced necrosis. <i>Neuromuscular Disorders</i> , 1994, 4, 325-333.	0.3	66
120	Delayed inflammatory mRNA and protein expression after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2011, 8, 130.	3.1	66
121	Primary adhalin deficiency as a cause of muscular dystrophy in patients with normal dystrophin. <i>Annals of Neurology</i> , 1995, 38, 367-372.	2.8	65
122	Prednisolone-induced changes in dystrophic skeletal muscle. <i>FASEB Journal</i> , 2005, 19, 1-23.	0.2	65
123	Relationships between circadian rhythms and modulation of gene expression by glucocorticoids in skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1031-R1047.	0.9	64
124	Membrane Sealant Poloxamer P188 Protects Against Isoproterenol Induced Cardiomyopathy in Dystrophin Deficient Mice. <i>BMC Cardiovascular Disorders</i> , 2011, 11, 20.	0.7	64
125	Sphingosine-1-Phosphate Enhances Satellite Cell Activation in Dystrophic Muscles through a S1PR2/STAT3 Signaling Pathway. <i>PLoS ONE</i> , 2012, 7, e37218.	1.1	64
126	miRTarVis: an interactive visual analysis tool for microRNA-mRNA expression profile data. <i>BMC Proceedings</i> , 2015, 9, S2.	1.8	64

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127	Vamorolone trial in Duchenne muscular dystrophy shows dose-related improvement of muscle function. <i>Neurology</i> , 2019, 93, e1312-e1323.	1.5	64
128	Interleukin-15 and interleukin-15R α SNPs and associations with muscle, bone, and predictors of the metabolic syndrome. <i>Cytokine</i> , 2008, 43, 45-53.	1.4	63
129	Functional Polymorphisms Associated with Human Muscle Size and Strength. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1132-1139.	0.2	62
130	Proteomic responses of skeletal and cardiac muscle to exercise. <i>Expert Review of Proteomics</i> , 2011, 8, 361-377.	1.3	62
131	TNF α -Induced microRNAs Control Dystrophin Expression in Becker Muscular Dystrophy. <i>Cell Reports</i> , 2015, 12, 1678-1690.	2.9	62
132	Skipping toward Personalized Molecular Medicine. <i>New England Journal of Medicine</i> , 2007, 357, 2719-2722.	13.9	60
133	Integrin α 7 β 1 in Muscular Dystrophy/Myopathy of Unknown Etiology. <i>American Journal of Pathology</i> , 2002, 160, 2135-2143.	1.9	59
134	A Renaissance for Antisense Oligonucleotide Drugs in Neurology. <i>Archives of Neurology</i> , 2009, 66, 32-8.	4.9	58
135	Evidence for ACTN3 as a genetic modifier of Duchenne muscular dystrophy. <i>Nature Communications</i> , 2017, 8, 14143.	5.8	58
136	Genetic Modifiers of Duchenne Muscular Dystrophy and Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2015, 10, e0141240.	1.1	58
137	Mutations in the β -sarcoglycan gene are a rare cause of autosomal recessive limb-girdle muscular dystrophy (LGMD2). <i>Neurogenetics</i> , 1997, 1, 49-58.	0.7	57
138	<i>CCL2</i> and <i>CCR2</i> polymorphisms are associated with markers of exercise-induced skeletal muscle damage. <i>Journal of Applied Physiology</i> , 2010, 108, 1651-1658.	1.2	57
139	Mathematical modelling of transcriptional heterogeneity identifies novel markers and subpopulations in complex tissues. <i>Scientific Reports</i> , 2016, 6, 18909.	1.6	57
140	Diagnosis and etiology of congenital muscular dystrophy: We are halfway there. <i>Annals of Neurology</i> , 2016, 80, 101-111.	2.8	57
141	Skeletal muscle dictates the fibrinolytic state after exercise training in overweight men with characteristics of metabolic syndrome. <i>Journal of Physiology</i> , 2003, 548, 401-410.	1.3	56
142	Glucocorticoid-Treated Mice Are an Inappropriate Positive Control for Long-Term Preclinical Studies in the mdx Mouse. <i>PLoS ONE</i> , 2012, 7, e34204.	1.1	55
143	Massive muscle cell degeneration in the early stage of merosin-deficient congenital muscular dystrophy. <i>Neuromuscular Disorders</i> , 2001, 11, 350-359.	0.3	54
144	Microarray analysis of the temporal response of skeletal muscle to methylprednisolone: comparative analysis of two dosing regimens. <i>Physiological Genomics</i> , 2007, 30, 282-299.	1.0	54

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145	Progression of volume load and muscular adaptation during resistance exercise. <i>European Journal of Applied Physiology</i> , 2011, 111, 1063-1071.	1.2	54
146	Phase 1 trial of vamorolone, a first-in-class steroid, shows improvements in side effects via biomarkers bridged to clinical outcomes. <i>Steroids</i> , 2018, 134, 43-52.	0.8	54
147	Recruitment of mast cells to muscle after mild damage. <i>Journal of the Neurological Sciences</i> , 1996, 135, 10-17.	0.3	52
148	Clarifying the boundaries between the inflammatory and dystrophic myopathies: insights from molecular diagnostics and microarrays. <i>Rheumatic Disease Clinics of North America</i> , 2002, 28, 743-757.	0.8	52
149	Exercise training increases electron and substrate shuttling proteins in muscle of overweight men and women with the metabolic syndrome. <i>Journal of Applied Physiology</i> , 2005, 98, 168-179.	1.2	52
150	IGF-II gene region polymorphisms related to exertional muscle damage. <i>Journal of Applied Physiology</i> , 2007, 102, 1815-1823.	1.2	52
151	Membrane Stabilization by Modified Steroid Offers a Potential Therapy for Muscular Dystrophy Due to Dysferlin Deficit. <i>Molecular Therapy</i> , 2018, 26, 2231-2242.	3.7	51
152	Microarray Analysis Reveals Novel Features of the Muscle Aging Process in Men and Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 1035-1044.	1.7	50
153	VBP15: Preclinical characterization of a novel anti-inflammatory delta 9,11 steroid. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2241-2249.	1.4	50
154	Chapter 8 The Animal Models of Duchenne Muscular Dystrophy: Windows on the Pathophysiological Consequences of Dystrophin Deficiency. <i>Current Topics in Membranes</i> , 1991, , 113-154.	0.5	49
155	Vamorolone targets dual nuclear receptors to treat inflammation and dystrophic cardiomyopathy. <i>Life Science Alliance</i> , 2019, 2, e201800186.	1.3	49
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